



Hot Cocoa

Name: _____

Date: _____

Practice and Color

Directions: Each problem is the directions for or an example of converting between a decimal, fraction, or percent. Determine the correct conversion and use the key at the bottom to color the hot cocoa picture.

| | | |
|--|---|--|
| <p>1.</p> <p>1. Rewrite the % over 100</p> <p>2. Simplify</p> | <p>2.</p> <p>1. Move decimal two places to the right.</p> <p>2. Add the % sign.</p> | <p>3.</p> <p>1. Divide the numerator by the denominator.</p> |
| <p>4.</p> <p>1. Convert the fraction to a decimal.</p> <p>2. Move the decimal two places to the right.</p> <p>3. Add the % sign.</p> | <p>5.</p> <p>1. Remove the % sign.</p> <p>2. Move decimal two places to the left.</p> | <p>6.</p> <p>1. Write the decimal over 100 if it has an integer in the hundredths place or over 10 if only in the tenths place.</p> <p>2. Simplify</p> |
| <p>7.</p> <p>$0.25 \rightarrow 25\%$</p> | <p>8.</p> <p>$1/8 \rightarrow 1 \div 8 = 0.125$</p> | <p>9.</p> <p>$0.25 \rightarrow 25/100 \rightarrow 3/4$</p> |
| <p>10.</p> <p>$38\% \rightarrow 38/100 \rightarrow 19/50$</p> | <p>11.</p> <p>$1/5 \rightarrow 0.2 \rightarrow 20\%$</p> | <p>12.</p> <p>$75\% \rightarrow 0.75$</p> |

Key:

Fraction \rightarrow Decimal = red

Decimal \rightarrow Percent = green

Percent \rightarrow Fraction = light blue

Fraction \rightarrow Percent = brown

Decimal \rightarrow Fraction = yellow

Percent \rightarrow Decimal = dark blue

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